

Mineral Industry Surveys

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GYPSUM IN NOVEMBER 2005

Producers mined 1.55 million metric tons (Mt) of gypsum in November 2005 (table 1). Output was 10% less than that of October 2005 and 6% more than that of November 2004. Synthetic gypsum production was 798,000 metric tons (t) in November 2005 (table 1), which was 6% less than that of October 2005, and 13% more than that of November 2004. Both mined and synthetic gypsum are used as raw material for wallboard. The wallboard industry is the largest domestic consumer of gypsum. During January through October 2005 synthetic gypsum accounted for 7.84 Mt, or about 24%, of the 32.5-Mt supply of gypsum in the United States. Sales of uncalcined gypsum, mainly for portland cement manufacture and for agricultural uses, were 764,000 t (table 2), slightly less than that of October 2005 and 46% more than that of November 2004.

Output of calcined gypsum for November (table 1) was 2.04 Mt, 8% less than that of October 2005 and 12% more than that of November 2004. Sales of board products were about 3.0 billion square feet (279 million square meters), 2% less

than that of October 2005 and 7% more than that of November 2004.

U.S. Government import and export data for November 2005 were not available at the time of publication. According to the U.S. Census Bureau, imports of crude gypsum in October 2005 were 848,000 t (table 3), 44% less than that of September 2005 and 11% less than that of October 2004. Gypsum wallboard imports, principally from Canada, for October 2005 were 74,000 t, equivalent to 89 million square feet (8.2 million square meters). These imports were 9% less than that of September 2005 and 40% more than that of October 2004. Wallboard exports to 27 countries and territories in October 2005 were 7,100 t, equivalent to 8.5 million square feet (790,000 square meters). These exports were about 10% less than that of September 2005 and 13% less than that of October 2004.

All percentages in this report were computed based on unrounded data.

TABLE 1
GYPSUM SUPPLY^{1, 2}

(Metric tons)

	2005			2004
	November	October	January-November	January-November
Crude:				
Mined ³	1,550,000	1,720,000	16,900,000	15,400,000
Imported ⁴	NA	848,000	NA	9,170,000
Synthetic gypsum ⁵	798,000	851,000	8,640,000	7,890,000
Total supply	NA	3,420,000	NA	32,500,000
Crude, exported ⁴	NA	9,820	NA	134,000
Consumption	NA	3,410,000	NA	32,300,000
Calcined:				
Produced	2,040,000	2,210,000	22,500,000	19,600,000
Imported ⁶	NA	874	NA	4,580
Total supply	NA	2,220,000	NA	19,600,000
Exported ⁶	NA	13,900	NA	375,000
Consumption	NA	2,200,000	NA	19,200,000

NA Not available.

¹Includes data from the Gypsum Association.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³Some data were estimated from semiannual reports.

⁴Import and export data are for "Gypsum; anhydrite," Harmonized Tariff Schedule 2520.10.0000.

⁵Reported production only.

⁶Import and export data are for "Plaster," Harmonized Tariff Schedule 2520.20.0000.

TABLE 2
GYPSUM SOLD OR USED BY PRODUCERS, BY USE^{1, 2}

(Metric tons, unless otherwise specified)

	2005			2004
	November	October	January-November	January-November
Uncalcined: ³				
Portland cement	310,000	310,000	3,470,000	3,990,000
Agriculture and miscellaneous	455,000	454,000	2,950,000	1,780,000
Total	764,000	765,000	6,410,000	5,660,000
Calcined:				
Board products ⁴	2,500,000	2,550,000	27,600,000	26,200,000
Plaster	13,100	12,900	148,000	150,000
Total	2,520,000	2,560,000	27,800,000	26,300,000
Board products: (Thousand square feet) ⁵				
Regular board	1,850,000	1,890,000	20,400,000	19,200,000
Type X board	865,000	881,000	9,700,000	9,290,000
Other	283,000	291,000	3,040,000	2,880,000
Total supply	3,000,000	3,060,000	33,200,000	31,400,000

¹Includes data from the Gypsum Association.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³Does not include synthetic gypsum from electric power plants.

⁴Includes weight of paper and other materials.

⁵One square meter equals 10.78 square feet.

TABLE 3
CRUDE GYPSUM IMPORTED FOR CONSUMPTION¹

(Metric tons)

Country of origin	2005			2004
	October	September	January-October	January-October
Austria	--	--	--	8
Bahrain	--	--	7	--
Canada	639,000	740,000	6,340,000	5,600,000
China	--	--	16	41,300
Costa Rica	--	--	--	53
Denmark	--	--	36	--
Dominica	--	--	2	--
Dominican Republic	--	29,100	153,000	117,000
France	18	17	52	--
Germany	--	--	120	--
Italy	--	--	1	26,900
Jamaica	--	21,500	64,600	19,200
Japan	--	--	--	3
Mexico	157,000	245,000	2,050,000	1,820,000
Netherlands	--	--	--	3
Peru	--	--	80	11
Spain	51,300	190,000	676,000	625,000
Sweden	40	--	80	--
United Kingdom	--	--	1	21
Total	848,000	1,220,000	9,280,000	8,260,000

-- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

Source: U.S. Census Bureau.

TABLE 4
CRUDE GYPSUM IN THE UNITED STATES^{1,2}

(Thousand metric tons)

Period	Consumption ³	Production ⁴	Imports ⁵	Exports ⁵
2004:				
November	2,360	1,460	920	13
December	2,420	1,480	958	14
January-December	26,900	16,900	10,100	149
2005:				
January	2,220	1,460	770	14
February	2,190	1,460	755	17
March	2,400	1,470	964	27
April	2,320	1,420	909	12
May	2,800	1,820	994	11
June	2,580	1,620	972	10
July	2,500	1,590	923	9
August	2,550	1,630	926	12
September	2,890	1,680	1,230	18
October	2,550	1,720	848	14
November	NA	1,550	NA	NA

NA Not available.

¹Excludes synthetic gypsum.

²Data are rounded to no more than three significant digits.

³Consumption calculated by adding the production and imports shown in this table and subtracting the exports shown in this table. Monthly inventory changes are not included.

⁴Production data are from the semiannual gypsum canvasses of the non-wallboard producers, annual canvass of all producers, and from monthly data furnished by the Gypsum Association from the wallboard producers.

⁵Data from U.S. Census Bureau.

TABLE 5
SALES OF GYPSUM BOARD PRODUCTS, BY SALES REGIONS^{1,2}

(Thousand square feet)³

	New England	Middle Atlantic	E. North Central	W. North Central	South Atlantic	E. South Central	W. South Central	Mountain	Pacific	Exports	Total
2005:											
November:											
Veneer base	24,000	2,410	6,730	947	7,840	48	87	290	1,490	--	43,900
Sheathing	1,650	5,010	5,740	5,880	17,500	3,100	13,300	6,910	8,910	1,480	69,500
Regular gypsum board	40,900	146,000	219,000	110,000	537,000	134,000	242,000	187,000	203,000	35,900	1,850,000
Type X gypsum board	25,900	83,200	125,000	65,600	139,000	30,800	89,700	114,000	183,000	7,960	865,000
Predecorated board	305	689	961	538	1,370	459	1,030	513	746	58	6,660
5/16 Mobile home board	--	1,560	6,350	108	12,600	17,000	7,580	232	499	39	45,900
Water/moisture resistant board	4,980	20,200	14,000	5,640	26,800	5,050	10,600	9,610	15,800	4,460	117,000
Total	97,700	259,000	378,000	189,000	742,000	190,000	364,000	319,000	414,000	49,900	3,000,000
January- November:											
Veneer base	279,000	25,600	81,600	8,720	99,300	358	534	3,180	15,100	437	514,000
Sheathing	16,700	48,600	57,500	65,600	188,000	33,000	132,000	70,300	99,500	14,000	725,000
Regular gypsum board	459,000	1,600,000	2,410,000	1,260,000	6,030,000	1,430,000	2,510,000	2,060,000	2,310,000	359,000	20,400,000
Type X gypsum board	296,000	947,000	1,370,000	733,000	1,620,000	346,000	991,000	1,230,000	2,090,000	77,500	9,700,000
Predecorated board	3,350	6,960	10,200	5,090	14,600	4,260	9,930	4,190	6,980	548	66,100
5/16 Mobile home board	--	9,430	55,300	260	116,000	144,000	74,300	1,780	7,090	155	408,000
Water/moisture resistant board	57,800	224,000	160,000	68,400	308,000	54,100	119,000	111,000	179,000	44,100	1,330,000
Total	1,110,000	2,860,000	4,140,000	2,140,000	8,380,000	2,010,000	3,830,000	3,480,000	4,710,000	496,000	33,200,000

-- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Sales region equivalent to U.S. Census Bureau Geographic Division as follows: New England (CT, MA, ME, NH, RI, VT); Middle Atlantic (NJ, NY, PA); East North Central (IL, IN, MI, OH, WI); West North Central (IA, KS, MN, MO, NE, ND, SD); South Atlantic (DC, DE, FL, GA, MD, NC, SC, VA, WV); East South Central (AL, KY, MS, TN); West South Central (AR, LA, OK, TX); Mountain (AZ, CO, ID, MT, NM, NV, UT, WY); Pacific (AK, CA, HI, OR, WA).

³One square meter equals 10.78 square feet.

Source: Gypsum Association.